

App. Ser. No. 09/740,174
Atty. Dkt. No. MIO 0042 V2

REMARKS

Claims 35-37 and 51-62 are pending in the present application. Claims 35 and 62 have been amended. Claim 62 has been amended to correct a typographical error. New claim 63 has been added.

35 U.S.C. §112

Claim 35 has been amended to clarify that the method relates to fabricating at least one inverter. Thus, claims 57 and 60-62 comply with the requirements of 35 U.S.C. §112, second paragraph.

35 U.S.C. §102

The Examiner rejected claims 31-37 and 51-62 under 35 U.S.C. §102(b) as being anticipated by Canaris. According to M.P.E.P. § 706.02, in order to be anticipating under § 102, the reference must teach every aspect of the claimed invention. Canaris does not teach each and every aspect of the claimed invention.

Regarding independent claim 35, Canaris does not teach "forming a second contact in the well in spaced relation to the first type transistor; coupling the first contact to a first voltage input; and coupling the second contact to the first source." Instead, Canaris teaches coupling Vss to the source 22 and to a guard ring 40 that surrounds the transistor in the p-well 18 (Col. 3, lines 34-37 and lines 55-64). The guard ring is shown in Figs. 3 and 4A.

Thus, the guard ring 40 is not a first and second contact as the Examiner suggests. Instead, guard ring 40 is a circular area around the transistor. Vss (ground) is coupled to the guard ring 40 and to the source 22 (Col. 3, lines 34-37). The guard ring is tied to Vss at a single point, and a parallel resistance $R'w$ is formed in addition to the primary resistance of the well Rw because of the connection of the guard ring 40 to Vss (Col. 3, lines 65-68; Col. 4, lines 1-3). Fig. 4B shows the equivalent circuit for the parasitic transistors, and it can be seen that Vss is tied to the guard ring 40 at one point because a single parallel resistance $R'w$ is formed. Thus, Canaris does not teach coupling the second contact to the first source because there is no second contact. Claims 36, 37 and

App. Ser. No. 09/740,174
Atty. Dkt. No. MIO 0042 V2

51-62 depend from independent claim 35. Thus, claims 35-37 and 51-62 are patentable over the cited and applied prior art.

New Claim

New claim 63 is patentable over the cited and applied prior art. For example, new claim 63 recites forming a first and second contact in the well.

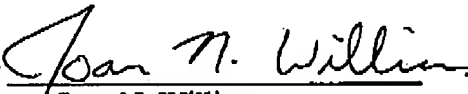
App. Ser. No. 09/740,174
Atty. Dkt. No. MIO 0042 V2

CONCLUSION

Applicants respectfully submit that, in view of the above amendments and remarks, the application is now in condition for allowance. The Examiner is encouraged to contact the undersigned to resolve efficiently any formal matters or to discuss any aspects of the application or of this response. Otherwise, early notification of allowable subject matter is respectfully solicited.

Respectfully submitted,

KILLWORTH, GOTTMAN, HAGAN
& SCHAEFF, LLP

By 
Joan N. Williams
Registration No. 52,364

One Dayton Centre
One South Main Street, Suite 500
Dayton, Ohio 45402-2023
(937) 223-2050
Facsimile: (937) 223-0724
E-mail: williamsj@kghs.com

FAX RECEIVED

JUN 06 2003

TECHNOLOGY CENTER 2800